



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application )  
No. 10/644,494 ) For: DE-BOOSTING IN A  
 ) COMMUNICATIONS  
 ) ENVIRONMENT  
VAYANOS et al. )  
 )  
Examiner: Unknown )  
 )  
Filed: 8/19/2003 ) Group No. Unknown

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR § 1.97(c)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Applicants submit herewith references of which they are aware in accordance with 37 CFR § 1.56.

---

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

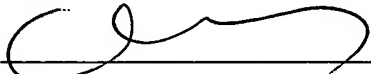
I hereby certify that this correspondence is, on the date shown below, being:

***MAILING***

- ☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Depositor's Name: Karyn D. Lao  
(type or print name)

Date: 4/12/2004

Signature: 

***FACSIMILE***

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: \_\_\_\_\_  
(type or print name)

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

In accordance with 37 CFR § 1.98 submitted herewith for consideration by the Examiner are the patents, publications and other information shown on the attached PTO-1449.

The citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

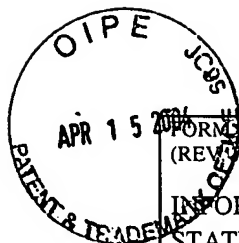
☒ The undersigned hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

Dated: 4/12/2004

By:   
\_\_\_\_\_  
Alex C. Chen, Reg. No. 45,591  
(858) 651-5363

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121  
Telephone: (858) 651-4125  
Facsimile: (858) 658-2502

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 9-80) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
020688APPLICATION NO.  
10/644,494INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
VAYANOS et al.

DATE MAILED: 4/12/2004

FILING DATE  
8/19/2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

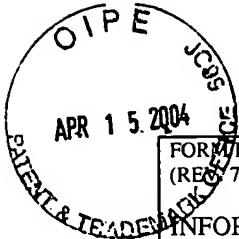
EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	1 199 834 A2	4/24/2002	EP	SAMSUNG ELECTRONICS CO., LTD.		
	B2	1 244 240 A2	9/25/2002	EP	LG ELECTRONICS INC.		
	B3						
	B4						
	B5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	
	C2	
	C3	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(REV. 7-80) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
020688APPLICATION NO.  
10/644,494INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
VAYANOS et al.

DATE MAILED: 4/12/2004

FILING DATE  
8/19/2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1						
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						
	A9						
	A10						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B1	1 199 834 A2	4/24/2002	EP	SAMSUNG ELECTRONICS CO., LTD.		
	B2	1 244 240 A2	9/25/2002	EP	LG ELECTRONICS INC.		
	B3						
	B4						
	B5						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	C1	
	C2	
	C3	
EXAMINER		DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		